

**BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY**

Meeting Date: January 25, 2006

Division: Engineering

Bulk Item: Yes \_\_\_\_\_ No X

Department: Engineering

Staff Contact Person: David S. Koppel, PE  
County Engineer

---

**AGENDA ITEM WORDING:** Discussion of options to treat wastewater from the Big Coppitt Sewer area.

---

**ITEM BACKGROUND:** See attached

---

**PREVIOUS RELEVANT BOCC ACTION:** N/A

---

**CONTRACT/AGREEMENT CHANGES:** N/A

---

**STAFF RECOMMENDATIONS:** N/A

---

**TOTAL COST:** -0-

**BUDGETED:** Yes \_\_\_\_\_ No \_\_\_\_\_

**COST TO COUNTY:** -0-

**SOURCE OF FUNDS:** \_\_\_\_\_

**REVENUE PRODUCING:** Yes \_\_\_ No \_\_\_ **AMOUNT PER MONTH** \_\_\_ **Year** \_\_\_

**APPROVED BY:** County Atty \_\_\_\_\_ OMB/Purchasing \_\_\_\_\_ Risk Management \_\_\_\_\_

**DIVISION DIRECTOR APPROVAL:**

  
David S. Koppel, PE, County Engineer

**DOCUMENTATION:** Included X Not Required \_\_\_\_\_

**DISPOSITION:** \_\_\_\_\_

**AGENDA ITEM #** 5

## **Big Coppitt Key Service Area Wastewater Treatment Background**

Several options exist to treat wastewater for this area. These options include:

1. Construct new wastewater treatment plant on Rockland Key. Monroe County has already purchased land for a Public Works Complex and this land can also house a wastewater treatment plant. This option will likely be less expensive to construct but more expensive to operate, thereby resulting in higher monthly costs to property owners.
2. Construct a new transmission line to the KW Resort Utility (KWRU) wastewater treatment plant on Stock Island and have FKAA be a customer of KWRU. The plant would have to be expanded and upgraded to meet advanced wastewater treatment (AWT) standards. This option would likely cost more to construct than Option 1, but would yield lower monthly costs. Operation of one wastewater treatment plant would be less expensive than operating two.
3. Construct a new transmission line to the KWRU wastewater treatment plant on Stock Island and have FKAA purchase said plant. The cost of this option depends on the purchase price of the plant. If an agreeable purchase price cannot be reached, eminent domain can be pursued. The plant would have to be expanded and upgraded to meet AWT standards. If FKAA owns the plant, then a more uniform cost can be shared between all users.